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FOREIGN TECHNOLOGY DIV WRIGHT-PATTERSON AFB OHIO  
NEW POLISH AIRCRAFT RADIOS, (U)  
SEP 78 R GUDEL

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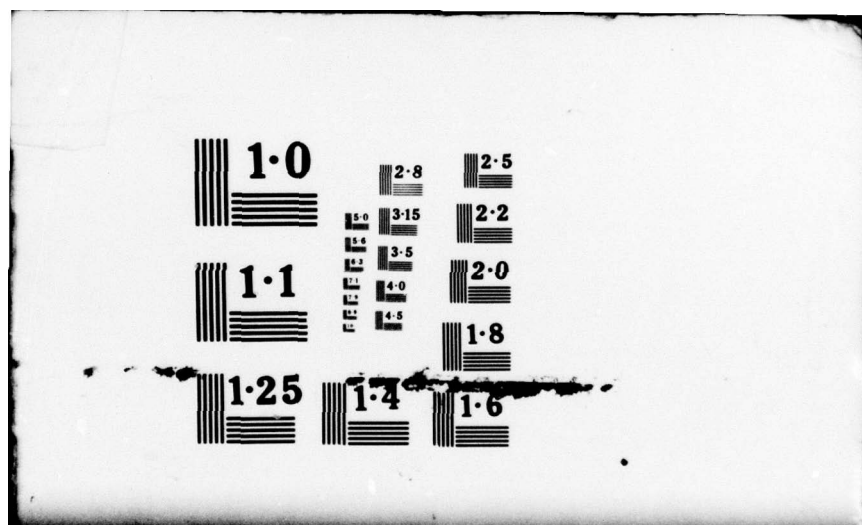
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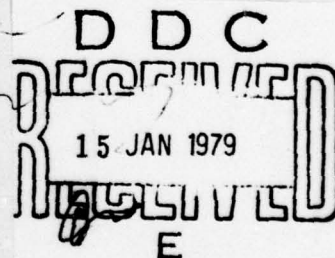
## FOREIGN TECHNOLOGY DIVISION



NEW POLISH AIRCRAFT RADIOS

By

R. Gudel



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## EDITED TRANSLATION

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13 September 1978

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NEW POLISH AIRCRAFT RADIOS

By: R. Gudel

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PREPARED BY:

TRANSLATION DIVISION  
FOREIGN TECHNOLOGY DIVISION  
WP.AFB, OHIO.

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Date 13 Sept 1978

### New Polish Aircraft Radios

The winner of our "Blue Wings - 1976", the Gdansk Unitra-Unimor Electronics Factory, can offer a group of up-to-date two-way aircraft radios using semiconductors and integrated circuits. These sets are distinguished by reliability and ease of servicing.

RS-6101-1 On-board glider set. Frequency range: 118-136 MHz (9 channels). Transmitter output power - 1.5 W. Emission A3. Receiver sensitivity - 1.5  $\mu$ V. Sound power (0.35-2.7 kHz/6dB band) - 0.5/1.5W. Dimensions - 193x152x63 mm. Input - 12 V (or 28 V). Output for speaker (1.5 W) or earphones.

RS-6101-2 On-board airplane radio. Transmitter output power - 5 W. Dimensions - 255x155x63 mm. Other characteristics same as for RS-6101-1.

RS-6103 Portable takeoff-assist radio. Designed for use during takeoffs by airplanes, helicopters, and gliders and for intra-airport communications. Frequency range: 118-136 MHz (3/9 optionally distributed channels). Transmitter output power - in excess of 1.5 W.



Emission A3. Receiver sensitivity - more than  $1.5 \mu\text{V}$ . Sound power - in excess of 1 W. Input - 12 V (3.5 Ah). Weight - approx. 4.5 kg.

RS-6104 Stationary airport radio. Designed for direction and monitoring of air traffic and for other uses by dispatchers. Capable of automatically registering conversations on magnetic tape cassette. Mains (220 V) power outage activates automatic switchover to battery power.

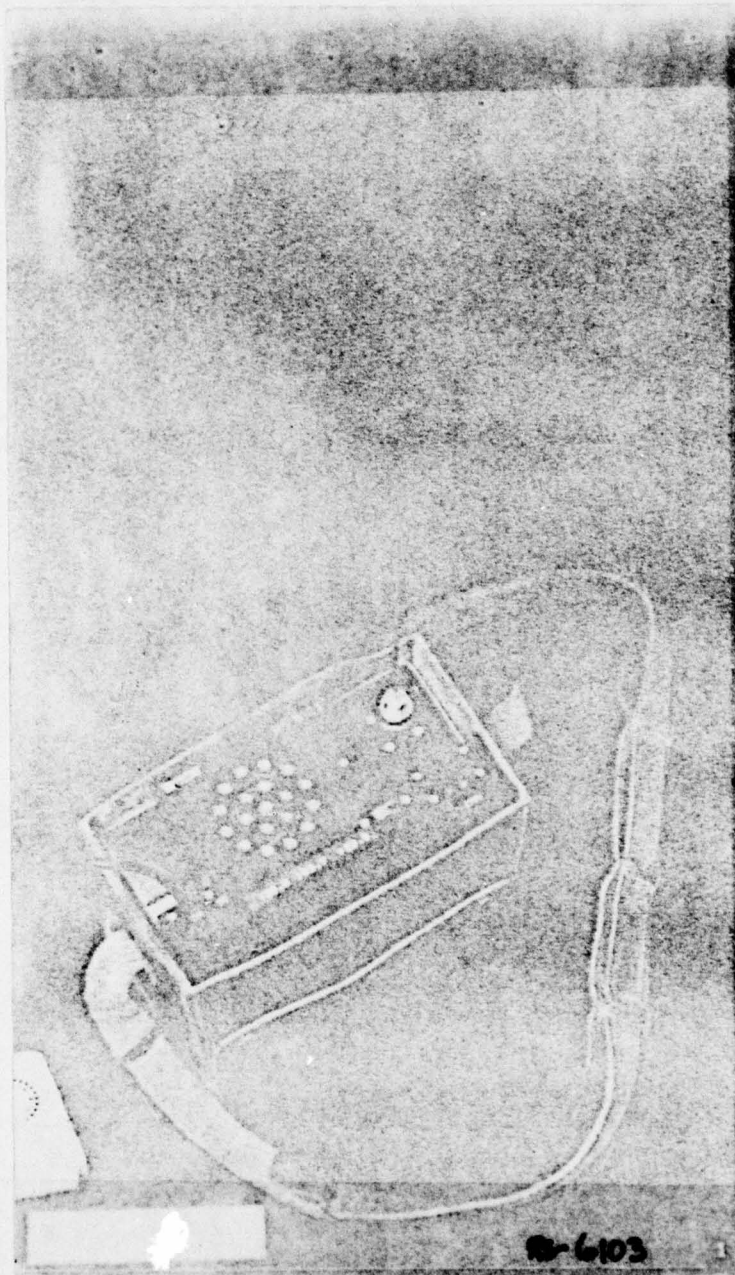
Frequency range - 118-136 MHz (9 optionally distributed channels). Transmitter output power - 8 W. Emission A3. Receiver sensitivity - more than  $1.5 \mu\text{V}$ . Sound power - 1 W. Input - 220 V a.c. or 12-14 V d.c.

RS-6102 On-board airplane and helicopter radio. Pushbutton frequency-programming system permits rapid selection of any channel. Brightness of digital frequency readout is regulated automatically according to external lighting. Can be used as intercom without accessories.

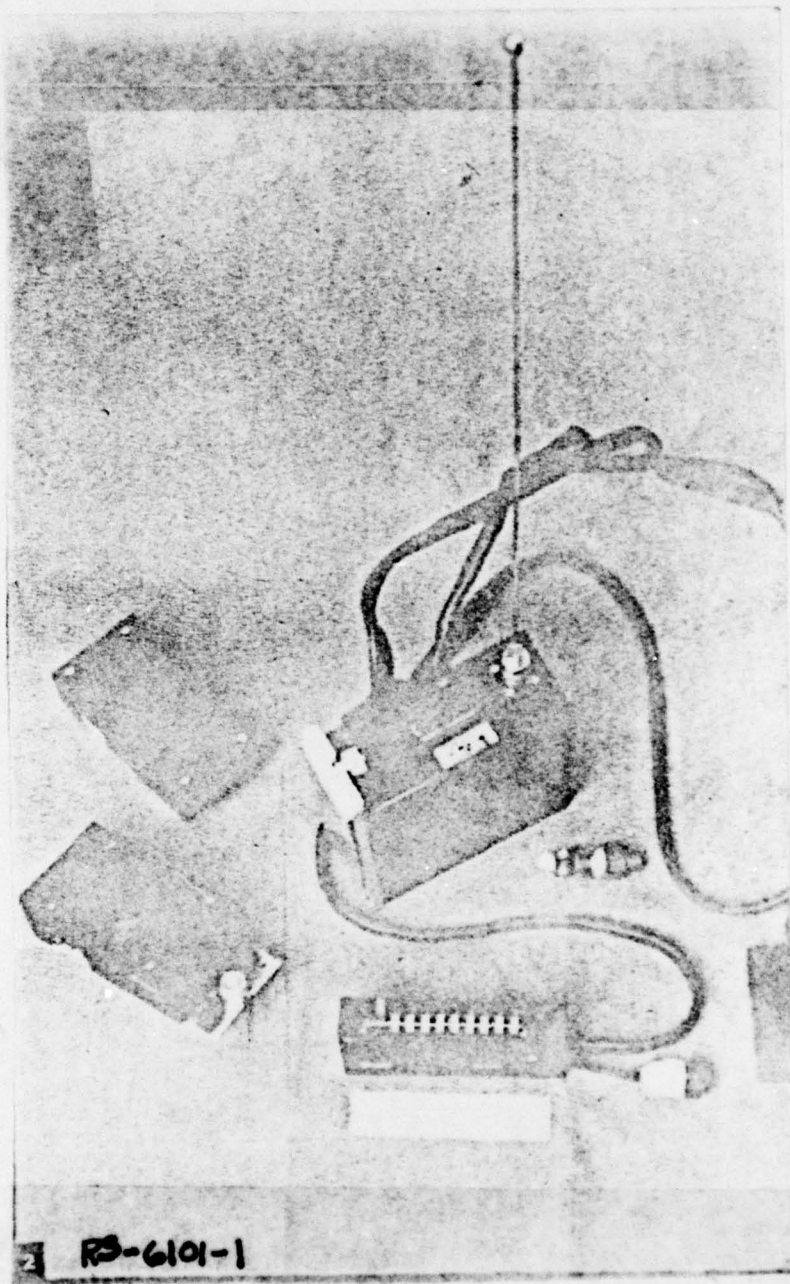
Frequency range - 118-136 MHz (800 25 kHz or 400 50 kHz channels). Transmitter output power - 8 W. Emission A3. Receiver sensitivity - in excess of  $1.5 \mu\text{V}$ . Sound power - more than 1 W ( $8\Omega$  speaker) or 0.2 W ( $600\Omega$  earphones). Input - 13.75 V or 27.5 V (d.c.).

Permissible environmental conditions: temperature from  $-15^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$ ; relative humidity 95% at  $+50^{\circ}\text{C}$ ; vibration - 5 to 55 Hz (max. 3 g) or 55 to 2000 Hz (at 1 g).

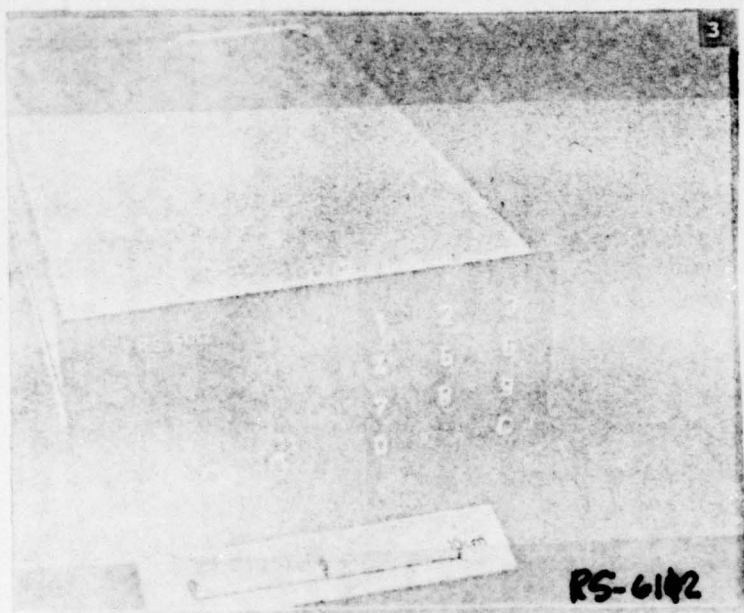
We are pleased with the first signs of Polish avionics development. Series production of up-to-date radio sets should prepare the way for other avionics hardware needed by our airports, planes, helicopters, and gliders.



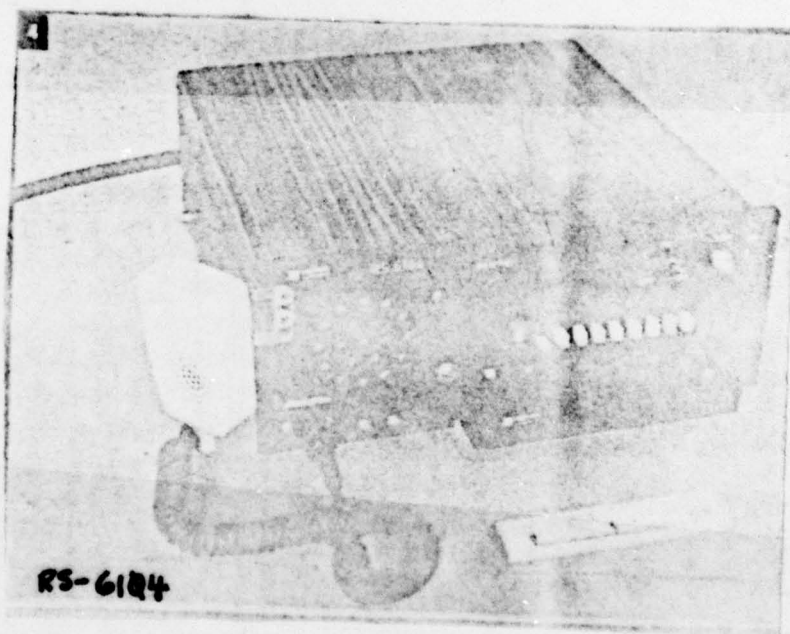




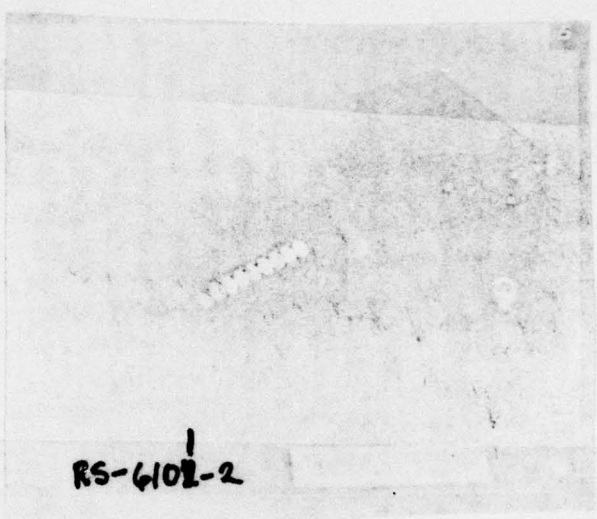





RS-6142



RS-6144



RS-6102-2

# DISTRIBUTION LIST

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